

## Special AIRS Validation: Lidar Measurements over Mauna Loa



Full Title: Validation of Humidity, Temperature and Ozone of the AIRS Instrument Over Mauna Loa Observatory, Hawaii

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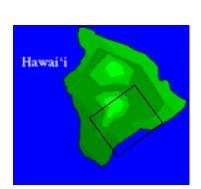
Description of Experiment: Observe atmospheric state by lidar at high altitude tropical site. Will coordinate with Hilo sonde launches to maximize information from measurements around Mauna Loa, with emphasis on upper tropospheric humidity.

Quantities Measured: Temperature, water vapor and ozone.

Region of Observations: Mauna Loa Observatory, Hawaii.

Time of Observations: Continuous.

Special Observing Constraints: Will provide observations over a one-hundred day period.





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